



Software

VideojetConnect™ Design

Print template creation and management software



VideojetConnect™ Design

**Simplify your packaging line workflow
and alleviate coding errors**

As a world leader in marking and coding, and with an installed base of over 345,000 printers, we understand the importance of consistently applying correct codes to your product. Having tools and processes in place that help you to avoid the costly impact of rework, scrap and even fines, is paramount to protecting your profitability.

VideojetConnect Design helps streamline and error-proof the coding process, and is adaptable to fit your packaging workflow. It provides you with the option to either minimize manual interaction in the coding process or to have the process be driven by operator input. Regardless of your application or the complexity of your code, this highly-flexible software solution can simplify your coding process, helping you to achieve outstanding code quality, consistency, and accuracy.

A scalable solution: From simple single-line codes to complex bar code serialization

Code Assurance: Facilitates processes for consistency in code selection and application

- Centrally create and store all print templates to help ensure the proper and most up-to-date version is used
- Incorporate business logic within templates (e.g. lot codes must be six digits) to help reduce data input errors
- Deploy pre-approved, custom templates to your line and provide operators with context-sensitive data input screens (e.g. calendars with offsets for expiration dates)

Simple usability: Designed for turnkey operation with minimal training

- Intuitive WYSIWYG interface for template creation makes it simple to add and place print fields
- Powerful print preview function allows users to review the finished design before printing, saving time and reducing waste
- Lot code, date code, and GS1 bar code builder functions help to reduce the complexity associated with template creation

Cloud-based deployment

- Basic functionality is available free of charge with product registration at videojetcloud.com*
- No installation or on-going maintenance is required
- Multiple authorized users can access the application via any device that supports an HTML5-based browser
- Real-time access to the most up-to-date version of the software

Built-in productivity

- Eliminate the need to generate or duplicate job templates individually on each printer
- Functionality is compatible with most Videojet printers
- Centralize and move template creation off the plant floor to create a more consistent and efficient workflow process
- Compatible with job templates previously created in Ciff format

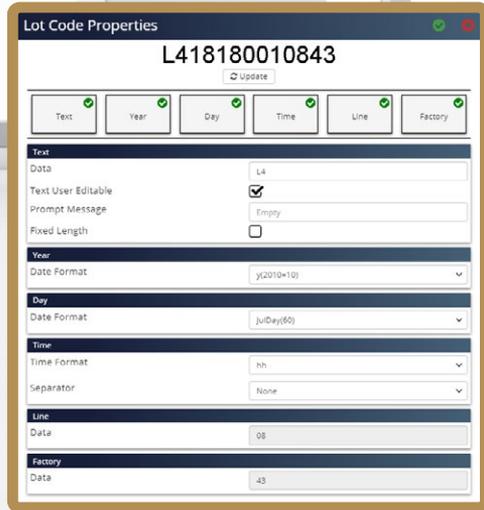
**See pages 8-9 for more details.*

VideojetConnect™ Design functionality varies by region. Contact your local sales representative for more information.

Simplicity in action

Access the user-friendly interface from your desktop

For convenience and control away from the line, the automated builder functions of VideojetConnect™ Design make template-based code creation easy, efficient and repeatable.



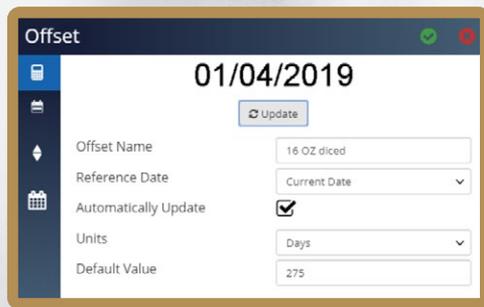
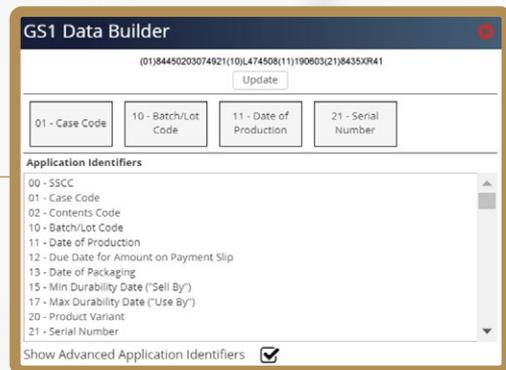
Lot code builder

Create and reuse a standard lot code format based on standard pieces of information – simply drag and drop the components to create the correct order. Code components can be:

- Fixed reference, such as plant number
- Variable reference, such as the Julian Date
- User-entered, with instructive prompts and predefined restrictions

GS1 format builder

Drag and drop from a full range of Application Identifiers (AIs) to form bar code contents. All data entry and references are confirmed against GS1 requirements, including ensuring the defined symbol size is sufficient to encode the selected data. The tool can be used for both 1D and 2D applicable bar code formats.

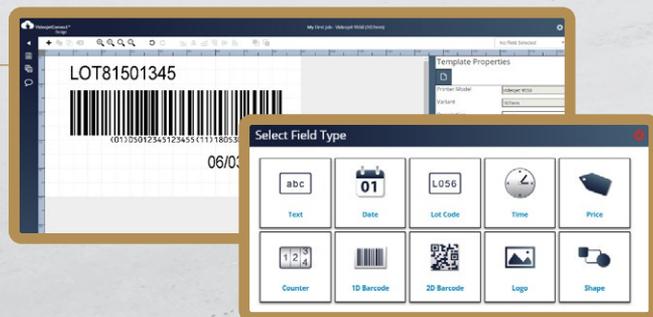


Date code offset builder

For quick dropping into individual templates, you can define specific offset rules to calculate a 'best by' date by retailer, product range, or whatever category best suits your workflow. Offset rules can be based off of the current date or another reference point, such as a canning date. Rounding rules can be applied (e.g. round to the 28th of the month), and specific dates can be blocked out.

WYSIWYG interface

Choose from a standard set of elements to create your codes and then drop them into a template that matches the selected printer's print area and capabilities.



Template creation and data entry away from the line

Improves code accuracy on the line

Straight-forward drop down menus help VideojetConnect™ Design users navigate through template creation. Intuitive prompts guide users through this process, creating the templates that empower line operators to produce print jobs easily, efficiently, and with greater code accuracy.

Easily select your data source for required fields from available drop down menus.

Text Properties	
Data	C67P19
Data Type	User Entered
Prompt Value	Fixed
Prompt Message	Merged
Fixed Length	Equipment Reference
Maximum Characters	Line Reference
Pad Mode	Factory Reference
Pad Character	
Characters Allowed	Alpha-Numeric
Checksum Calculation	NONE

Create prompts and data entry rules to limit and guide any data being input manually on the line.

Text Properties	
Data	C67P19
Data Type	User Entered
Prompt Value	Last Value
Prompt Message	Copy Box 23 of W.O.
Fixed Length	<input checked="" type="checkbox"/>
Maximum Characters	6
Pad Mode	Left Edge
Pad Character	
Characters Allowed	Alpha-Numeric
Checksum Calculation	NONE

Attach printer-specific configuration settings that should be applied when a print job is loaded.

Special Parameters	
Start Of Day	04:00:00
MultiStroke	2
Mirror	1



Deploy your created templates to your printers

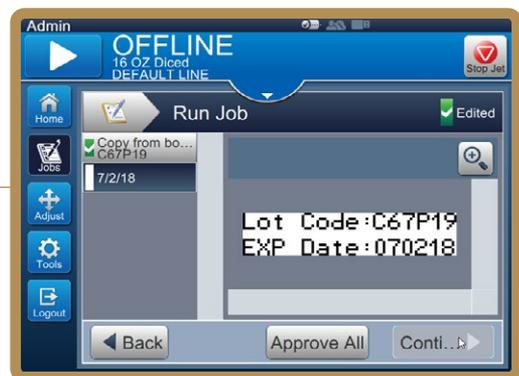
For less guesswork on the line



Visual prompts walk line operators through the code set-up process, helping to remove guesswork and error

Data entry rules created away from the line are carried through to the printer, providing operator guidance with code creation and helping to prevent them from entering incorrect code data.

All user-entered fields appear and must be entered/confirmed before a print job can be run.



Based on predefined parameters, useful prompts will appear on data entry screens that provide line operators with assistance on the required data source.



Data entry screens are intuitive and context-sensitive (e.g. a calendar for date selection) and can carry predefined limits for the acceptable input range.



VideojetConnect™ Packaging Line and Productivity Suite

VideojetConnect™ Design is one application in our larger cloud-based software offering, the VideojetConnect Packaging Line and Productivity Suite.* Using Videojet printers already on your line, with simple setup and minimal investment, you can gain transparency into your packaging line operation — visibility that empowers you to maximize production throughput and reduce operating costs.

Minimized investment and simple set-up

- Offered as a cloud-based SaaS (Software as a Service) on a factory-level basis
- The full software suite is available as a yearly subscription with low monthly payments
- No installation or ongoing maintenance required
- Simple self-configuration to get up and running

Manage your daily production

- At-a-glance understanding of whether your packaging lines are on track to meet your production targets
- Provides visibility to projected shortfalls, allowing for quicker adjustments

Identify areas for improvement

- Review performance data over multiple packaging lines
- Track metrics over time to spot lines that are under-performing
- Deep dive into details related to dips in productivity

Engage your workforce

- Places easy-to-use efficiency tools in the hands of front-line operators
- Helps users to achieve daily goals and lead the charge for continuous improvement

Think about it

Your Videojet printer is on your line, all day, every day. It sees everything and can provide an easier way to help gather actionable data from across your larger production, far beyond just the printer.

It can track things such as finished goods data, packaging line production rates and line stops, quantities produced and time frames, and more. The data is there for the taking.

Are you ready to flip the switch and start turning data into action?



VideojetConnect™

VideojetConnect™ Packaging Line and Productivity Suite is available on select Videojet printers and functionality varies by region. Moreover, to utilize VideojetConnect, a local network connection is required between your Videojet printer and an Edge server. The Edge server will need to have an outbound-only Internet connection. Contact your local sales representative for more information on availability, regional functionality, and connectivity.

VideojetConnect™ Design functionality

Category	Function	Description	Free of charge	Paid subscription ¹
Dates	Predefined list of date formats	Select from a list of date code formats that best fits your coding practices	✓	✓
	User editable	Enable an operator to enter additional data at the printer	✓	✓
	Offset periods	Calculate expiration dates based on a defined time period (e.g. days, months, etc.)	✓	✓
	User concessions	Allow an operator to change the date code within a range	✓	✓
	Rounding	Round up, down, weekly, monthly, to different weekday, etc.	✓	✓
	Calendar rules	Add specific calendar dates	✓	✓
	Avoidance dates	Avoid specific calendar dates	✓	✓
	Advanced date builder	Build a custom date using months, week codes, etc.	✓	✓
	Referenced date offsets	Offset from a reference date other than "today's" date		✓
	Database fields	Enable code data to be pulled from the local database		✓
Time/Lot Code	Predefined list of available time formats	Select from a list of time code formats that best fits your coding practices	✓	✓
	Advanced time builder	Create your own time format	✓	✓
	Lot code builder ²	Guidance tool to create standardized lot code formats	✓	✓
	Elapsed time	Create a field based on the time differential against a reference point (e.g. start of the print job)		✓
Counters	Counter length	Define a specific number of digits for the counter	✓	✓
	Start value	Define the value for beginning the counter	✓	✓
	End value	Define the value for ending the counter	✓	✓
	Padding	Add zeros or leading spaces in front of the start value	✓	✓
	Prints per count	Define the number of completed prints that cause the counter field to increase	✓	✓
	Step size	Define the unit of measure for the counter field to increase/ decrease	✓	✓
	Rollover	Restart the counter from the start value once it reaches the end value	✓	✓
	Reset source	Select what action causes a counter to reset	✓	✓
	Alpha-numeric	Create a counter the combines letters and numbers		✓
	Parent counters	Created connect counters where one field controls the value of a different field		✓
Text	Line reference	Print the fixed value that has been assigned to identify a specific packaging line	✓	✓
	Factory reference	Print the assigned value to identify the plant	✓	✓
	User editable	Allow an operator the ability to edit a field directly through the printer user interface	✓	✓
	Font changes	Select from available font choices	✓	✓
	Database fields	Enable code data to be pulled from the local database		✓
	Merge fields	Use the contents in another field as the data source		✓
	Checksum calculations	Modulo 43, modulo 10, etc.		✓

¹ Paid subscription functionality varies by region. Please contact your local Videojet sales representative for more information.

² Lot code builder functionality not supported on the Videojet® 1860 inkjet printer.

Category	Function	Description	Free of charge	Paid subscription ¹
Other Fields	Standard range of bar code symbologies	1D - UPCA, UPCE, Code 39, ITF, EAN 2, EAN 5, EAN 8, EAN 13, Code 128, GS1-128, Databar, D - DataMatrix, QR, PDF 417, Micro PDF 417	✓	✓
	GS1-128 bar code builder	Construct the bar code using Application Identifiers (AIs) to ensure correct formatting	✓	✓
	Logo ³	Incorporate a bitmap file to print a logo		✓
	Block text	Text block paragraph (multiple lines of text without needing numerous individual text fields)		✓
	Shapes	Incorporate a bitmap file to print a shape		✓
	Price	Add pricing with the appropriate currency indicator		✓
Generic Field Options	Rotation	Allows movement of the field in 90 degree increments	✓	✓
	Field transparency	Create header information that is not directly part of the code for a transmitted data string		✓
	Transmitted field	Transmit contents of that field to another device (e.g. weigh scale, PLC, scanner, etc.)		✓
	Non-printed fields	Create a field as a reference value, but do not print it (useful when merging fields)		✓
	Character substitution	Transform the field data into an encryption (e.g. Voice Pick Code) or a non-Latin language (e.g. Arabic)		✓

³ Logo functionality not supported on the Videojet® 1860 inkjet printer.

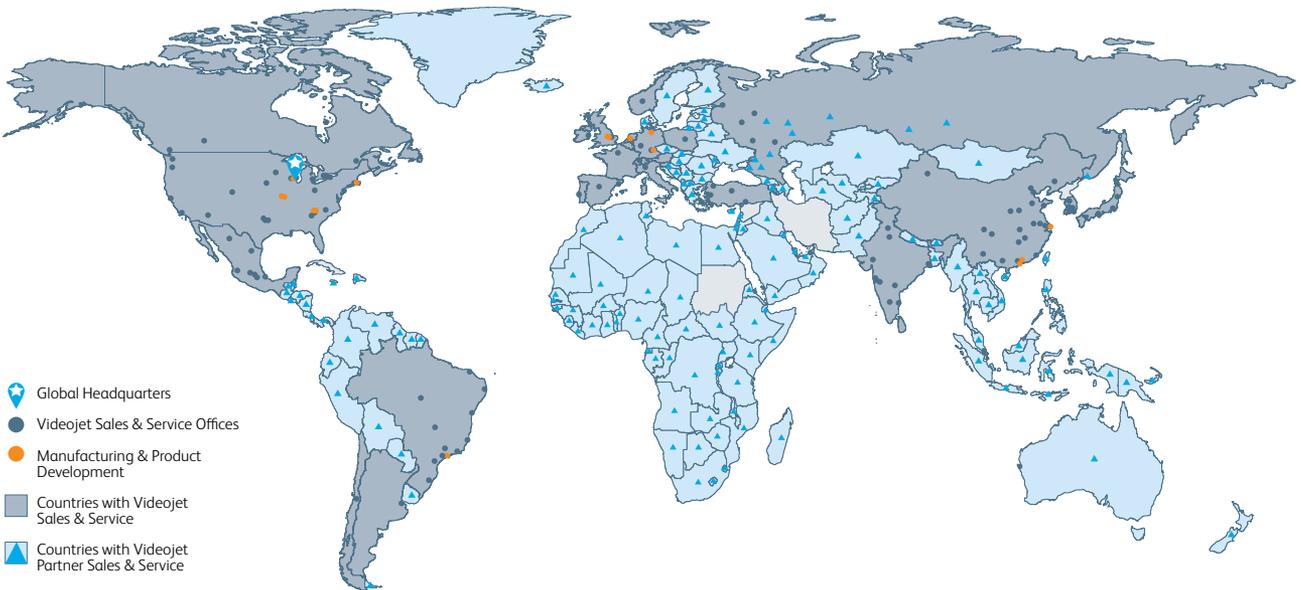
Category	Type	Videojet product	Free of charge	Paid subscription ¹
Printer Support (based on Videojet printer interface type)	CLARiTY™ Interface	1550, 1560, 1650, 1660, 1650 UHS, 1650 HR, 23XX, 62XX, 63XX, 64XX, 65XX, 8510, 8520, 8610, 9550	✓	✓
	SIMPLiCITY™ Interface	1860, 1580	✓	✓
	WSI or ESI interface	1510, 1520, 1610, 1610 DH, 1620, 1620 HR, 1620 UHS, 1630, 1710		✓
File transfer method	N/A	USB drive	✓	✓
	N/A	Via network connection		✓
Language support	N/A	Arabic, Bulgarian, Chinese (Simplified), Chinese (Traditional), Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese (Brazilian), Romanian, Russian, Serbia, Slovak, Spanish (Universal), Swedish, Thai, Turkish, Vietnamese	✓	✓

Peace of mind comes as standard

Videojet Technologies is a world-leader in the product identification market, providing in-line printing, coding, and marking products, application specific fluids, and product LifeCycle Advantage™.

Our goal is to partner with our customers in the consumer packaged goods, pharmaceutical, and industrial goods industries to improve their productivity, to protect and grow their brands, and to stay ahead of industry trends and regulations. With our customer application experts and technology leadership in Continuous Inkjet (CIJ), Thermal Inkjet (TIJ), Laser Marking, Thermal Transfer Overprinting (TTO), case coding and labeling, and wide array printing, Videojet has more than 345,000 printers installed worldwide.

Our customers rely on Videojet products to print on over ten billion products daily. Customer sales, application, service and training support is provided by direct operations with over 4,000 team members in 26 countries worldwide. In addition, Videojet's distribution network includes more than 400 distributors and OEMs, serving 135 countries.



Call **800-843-3610**
Email **info@videojet.com**
visit **www.videojet.com**

Videojet Technologies Inc.
1500 Mittel Blvd. Wood Dale IL 60191 / USA

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Part No. SL000667
br-videojetconnect-design-us-0718
Printed in U.S.A.

